

Distributed by:



BOWENS
the power behind the picture

imaging FREEDOM

BC-115 Imaging Freedom Issue 2 01/06

Also available:



Imaging Power
Generators & Accessories
BC-112



Imaging Vision
Continuous lights &
Accessories
BC-240



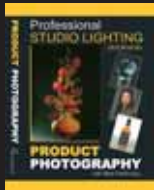
Explorer 1500
Battery Generator Guide
BC-230



Studio-In-A-Box
Gemini 125 Two head Kit
BC-235



Studio Lighting
Masterclass DVD
BC-085



Product Photography DVD
Complete "How to" Guide
BC-080

BOWENS
the power behind the picture

355 Old Road • Clacton on Sea • Essex • CO15 3RH • United Kingdom
www.bowens.co.uk



The Great Escape

For years photographers could only dream of taking studio quality images on location assignments or in remote environments. Now, that dream has become reality.

Bowens have developed a system with advanced technology which allows photographers the complete freedom to use studio lighting anywhere.

The Esprit Gemini range powered by its unique Travel-Pak system offers the complete go-anywhere package for today's photographer on the move.



Esprit Gemini

esprit
GEMINI

“the perfect go-anywhere lighting solution...”



STUDIO QUALITY LIGHTING WHEREVER & WHENEVER YOU NEED IT!

Location, location, location.

If you are a busy photographer working in the studio or out on location, the Esprit Gemini offers the perfect lighting solution. Designed to operate from either mains or battery, the Gemini offers consistency, reliability and quality to ensure stunning results in any environment.

Advanced technology and precision control.

The Gemini range includes four models, 125Ws, 250Ws, 500Ws, and the 750Ws version. The advanced circuitry in the Gemini can now offer power calibration in exact stops and 1/3rd stops, ideal for the digital photographer. Esprit Gemini units can offer a range of power from full to 1/2 - that's a five stop power range! (See page 13 for exact specifications) Being part of the Esprit range means you can be assured of the reliability and ease of use that the name 'Esprit' has become known for.

The heart of the Gemini system.

Designed and developed to operate the Gemini system anywhere. The Travel-Pak provides portable power, 200 shots per charge at full power, wherever and whenever the photographer needs it.

Quality and Durability.

Like all Bowens products, the Gemini system is designed to withstand the rigours of studio and location work. The Esprit Gemini features larger handles and rotary dials for ease of use and the sturdy Travel-Pak is designed to work, even if standing in 75mm (3") of water! As for weight, this is no problem either as the Gemini weighs just 3.4kg (Gemini 250 weighs 2.9kg) and the Travel-Pak only weighs 4.1kg, a winning combination!

Esprit Gemini GM125

More than powerful enough for small portrait use the Gemini GM125 features fully variable output offering precise exposure control. This model is also useful in larger studios as a top, back or hair light, being triggered from the main flash via the built in photo-cell.

BW-3590

Esprit Gemini GM250

With the Gemini GM250 we can now offer a 250Ws unit with a 5 stop power range, from full to 1/2 power offering the same versatility as the rest of the Esprit range. With this wide power range it can be used as a main light with a softbox or as a fill light, with a grid reflector and a honeycomb. The low sync voltage of only 5V makes this light the perfect tool for digital users.

BW-3600

Esprit Gemini GM500

The 500Ws Gemini GM500 offers the photographer total versatility for product or portrait work. With a safe sync voltage of 5V and precise power calibration across the five stop range, the digital user can work in the knowledge that they will achieve total consistency and reliability.

BW-3610

Esprit Gemini GM750+

The Gemini GM750+ is the top of the range in terms of power delivering an impressive 750Ws and featuring an amazing flash duration of just 1/2380 sec. This compact powerhouse can recycle to full power in just 1.2 secs. ideal for high fashion shoots.

BW-3630

Travel-Pak

Compact, Lightweight, Portable Power.

Everything offered by the Bowens Travel-Pak.

Thanks to this handy battery pack, your Bowens Esprit Gemini lights can leave the studio to go on location anytime, anywhere!

Able to power two monoblocs simultaneously with a total power of up to 1500Ws, the Travel-Pak is capable of bringing a 500Ws unit to full charge as fast as 4.5 seconds, and can offer in excess of 200 flashes on a single charge.

With a fast/slow charge option to prolong battery life as well as a stylish carry bag offering protection from the elements and up to 3 inches of water, no location photographer should be without this unique power pack.

Dimensions - 180(l) x 120(w) x 175(h)mm

Weight - 4.1kg

BW-7630



Esprit Digital DX - Perfect, precision lighting.

The Esprit Digital DX Series was designed and engineered for the photographer who needs an increased level of lighting precision. Whether it's the fine power-output adjustments for a crucial transparency shot or the refined repeatability that's so important with today's digital imaging tools, the Digital DX Series offers top performance and exceptional value for money.

Available in Three Models

All three models feature variable power adjustments and completely interchangeable reflector and accessory mounts. This makes them an amazingly versatile lighting system, no matter how you combine them.

Features:

- Precision light-output adjustments to an accuracy of $\frac{1}{10}$ f-stop.
- Power-control range of six f-stops, from full to $\frac{1}{32}$.
- A huge selection of reflectors and light control accessories.
- A choice of three different models: 250, 500 and 1000Ws.
- A built-in and switchable slave cell.
- Units fire at 100% recharge for complete accuracy.
- Full Infra-Red remote-control capabilities.
- Three position modelling lamp settings: off, on at 100% brightness or in proportion to the flash power selected.
- User-replaceable flash tubes.

Esprit Digital DX250

Perfect for small studios, location work or for portraits, the Digital DX250 is capable of delivering plenty of light for the portrait photographer. It also has the advantage of an extended power range for the highest level of creative control. At minimum power the Digital DX250 is capable of delivering just 7Ws of power. As well as being a perfect portrait light, the controllability of the unit makes it a great hair light or background light. Although compact and lightweight, the DX250 is designed with a strong steel casing to resist the rigors of studio life. The advanced circuitry delivers fast recycling times (1.2 sec.) and a very fast flash duration (1/1100 sec.). In short, the DX250 is an exceptional flash unit that can prove invaluable in many studios.

Esprit Digital DX500

The 500Ws monobloc has been our most popular size for decades. The evolution of the DX500 brings a level of control and precision to what has always been our best-selling product. Whether you need power for commercial applications or the finesse of $\frac{1}{10}$ f-stop accuracy for complete control, the DX500 is the perfect lighting solution. The DX range benefits of power accuracy, repeatability and full IR remote-control capability are all found on the DX500, which also boasts good flash duration and excellent recycling speeds. No larger than the DX250 and weighing only a fraction more, the DX500 is the perfect complement to any studio and the foundation of a first-class lighting system - whatever your photographic specialisation.

Esprit Digital DX1000

The DX1000 is the heavyweight in the range - in performance (it's actually quite lightweight for its power level) the unit is capable of delivering considerable amounts of power with precision and control. Two f-stops brighter than the DX250, it is still capable of delivering flash of just 28Ws - a gentle giant indeed! The DX1000 is perfect where high light output and hard work are the order of the day. Fan cooled, the DX1000 can deliver shot after shot, keeping up with the most demanding studio environments. With resilient circuitry and robust design, this will be a classic workhorse flash unit for years to come. The DX1000 is fitted with a three electrode flash tube giving impressive performance and flash duration at full power is just 1/1700 sec. The unit can also recycle to full power in just over two seconds. If you are looking for power and controllability, the DX1000 could be the perfect flash unit for your studio.

Track & Field.

To put the Gemini system through its paces we went to a railway museum for some really challenging locations.

The shot of Emma in the railway carriage was taken from the opposite platform. Because we couldn't trail sync leads across a live railway line, Pulsar was used to trigger the lights in the carriage. Two Gemini 250's powered by Travel-Paks lit the model one with a Soft Box 60 and one with a Grid Reflector.

More stunning results achieved by using Gemini and Travel-Pak can be seen on other pages.

Setup for photo on Page 1.

Lighting: Esprit Gemini 250
Travel-Pak
Wafer Strip
Zip Disc

Setup for photo on Page 6.

Lighting: 2 x Gemini 250
2 x Travel-Pak
Soft Box 60
Grid Reflector
Barn Doors

Camera: Kodak DCS 760
Photographer: Chris Reeve
Model: Emma Jones
Stylist: Hannah Marshall
Makeup: Jodie Trip
Agency: Tamarindo Models



The next location, a field in the middle of the Essex countryside. The shot requires Rachel to sit under a tree listening to music, but a fill light is required. With no power outlet for miles around the Esprit Gemini and Travel-Pak provide the ideal solution to achieve the perfect image with no distracting shadows.

Setup for photo on Page 29.

Lighting: Esprit Gemini 250
Travel-Pak
Wide Angle reflector
Silver/White Umbrella

Camera: Kodak DCS 760
Photographer: Chris Reeve
Model: Rachel Hirst
Stylist: Hannah Marshall
Makeup: Jodie Trip
Agency: Tamarindo Models



Esprit Digital 750PRO



“a superior level of lighting for today’s digital world”



Esprit Digital 750PRO



Precision digital power control

Esprit Digital 750PRO.

The Digital 750 PRO represents a major advance in photographic lighting, offering unprecedented precision and repeatability to compliment today's sophisticated imaging tools. Perhaps what makes it stand out from the competition is not just that it's a great flash, but that it offers such tremendous value.

The 750PRO has been designed and crafted to deliver a level of output accuracy and colour consistency that is uncompromised. We wanted to achieve an overall performance level that would perfectly suit the demands of today's working professional and set new standards in the performance of monobloc flash units. This amazing unit excels at both.

Special Digital 750PRO Features:

- Advanced colour consistency.
- Precision power control in $\frac{1}{10}$ f-stop increments.
- $7\frac{1}{2}$ f-stop power range.
- Instant power switching from 750 to 500 to 250Ws.
- Multi-voltage circuitry for use anywhere in the world.
- Very fast recycling - as fast as 0.8 sec.
- Action-stopping flash durations - as fast as $\frac{1}{3250}$ at 250Ws.
- Variable auto-bracketing facility.
- Fully stabilised to within ± 0.05 f-stop within each range.
- Full microprocessor control over flash and modelling circuits.
- Auto-bracketing - $\frac{1}{10}$ to $\frac{9}{10}$ f-stop.
- Full Infra-Red remote control.
- Two-year warranty.

Critical Colour Temperature and Consistent Output.

The most revolutionary engineering aspect of the Digital 750 PRO is its multi-capacitor circuitry. This advanced technology produces consistent colour temperature over an extended power range - an extremely important factor while working with digital imaging. Since Bowens manufactures to the strictest tolerances, colour consistency extends from unit to unit, making it possible and practical to illuminate a subject or scene with several units, each producing the same colour temperature. This is a significant benefit to digital photographers, saving immeasurable amounts of post-production time.

Control Flexibility.

Another benefit to the Digital 750 PRO's unique multi-capacitor circuitry is its ability to be switched from 750 to 500 to 250Ws. Switching out banks of capacitors increases the overall power range of the unit to more than seven f-stops or from 750 to just 7Ws. Our triple-electrode flash tube design produces faster flash durations at such action-stopping speeds as $\frac{1}{3250}$ sec. at 250Ws. Coupled with recycle times as low as 0.6 seconds, this makes the Digital 750 PRO perfect for fashion assignments as well as other high-speed applications.

Exceptional Performance Around the World.

Photography is an international profession and the Digital 750 PRO was created to work anywhere in the world. Its advanced voltage-seeking system ensures constant performance from 90-240V. The recycling speed at all power levels is astonishing, taking only 0.8 sec. to recycle to 750Ws on 240V. On lower voltages the performance is equally impressive, making it significantly faster than many single-voltage units.

Convenient Remote Control.

The RC-1 Infra-Red Remote-Control Handset, dedicated to Bowens Digital 750 PRO and DX Monoblocs., provides the option of remotely operating all principal functions from distances up to 10m (35'). This handy device offers eight-channel operation as well as power output up/down, photo cell on/off, capacitor switching, bracketing, modelling lamp functions, test/open flash, sounder on/off and function selector.

BW7500 - Esprit Digital 750PRO
BW7520 - RC-1 Remote Handset.





“the fashion photographers compact powerhouse”



Esprit 1000



Esprit 1500

Remote Triggering



The original Esprit

The Esprit monobloc represents a successful evolution of four decades of monobloc excellence and development and, in that tradition, still provides the best value available in high-quality lighting for the professional photographer.

As with the entire Bowens system, Esprit monoblocs are compatible with one of the world's most diverse selections of reflector systems and light control accessories. This fact alone makes the Esprit system one of the safest investments you can make in your photographic future. It's a system you will never outgrow.

Esprit 1000

The Esprit 1000 offers a high level of power without compromising portability of convenience. The specially designed flash tube has three electrodes to ensure short flash duration - at full power the Esprit 1000 fires at 1/1700 sec. The units 1000Ws is suitable for commercial/industrial photography as well as larger portrait studios photographing family groups and team pictures. As with other Esprit units, the output can be controlled from full to 1/2 and the power-to-weight ratio is excellent for the location photographer. The unit features an audible recharge signal, a switchable slave cell and a highly efficient cooling fan for dependable operation.

Esprit 1500

The Esprit 1500 is really three exceptional units in one. A selector switch allows it to be set to 500, 1000 or 1500Ws of total power. Since the total flash power is adjustable from full to 1/2 power, the Esprit 1500 offers photographers and amazing 7 1/2 f/stop power range. A three-electrode clear flash tube mounted behind a UV-balanced Pyrex dome guarantees fast flash durations and the best colour consistency over the life of the tube. Combine this with a fan-cooled 650W modelling lamp and auto power dumping and you have a most impressive specification.

Pulsar Radio Trigger System

Whether you are triggering flash heads for complicated lighting setups or cameras for remote control nature shots or special effects, this system is for you.

Each Pulsar unit can be either a transmitter or receiver and is capable of sending or receiving signals beyond 100m (333'). Unlike IR triggering systems, the radio-transmitted Pulsar operates around corners and through walls.

The Pulsar has four separate channels, enabling the photographer to isolate up to four light sources or to combine them and fire all of them at once without leaving the camera. Additionally, the Pulsar has a studio selector switch, which provides isolation from other Pulsar units using the same channel, and allowing up to six different systems to operate independently in the same space or studio.

Other Pulsar features include:

- Long battery life up to 200 hours of continuous use from two AAA batteries.
- Low voltage operation of just 3V making it ideal for use with sensitive digital cameras.
- Compact and lightweight design allows the units to be mounted directly onto your camera's hot shoe or to your generator, or monolights.

Length - 90mm
Width - 49mm
Height - 44mm
Weight - 122g

Pulsar Twin Pack **BW5160**
Pulsar Single Unit **BW5150**

Specifications



	Esprit Gemini 125	Esprit Gemini 250	Esprit Gemini 500	Esprit Gemini 750+	Esprit 1000	Esprit 1500	Esprit DX250	Esprit DX500	Esprit DX1000	Esprit Digital 750 Pro
230V Product Code	BW3590	BW3600	BW3610	BW3630	BW2066	BW2068	BW2120	BW2125	BW2130	BW7500
117V Product Code	n/a	BW3605	BW3615	n/a	BW2086	BW2088	BW2150	BW2155	BW2160	BW7500
Stored Energy	125Ws	250Ws	500Ws	750Ws	1000Ws	Selectable: 1500, 1000, 500Ws	250Ws	500Ws	1000Ws	Selectable: 750, 500, 250Ws
Guide Number (m/100 ISO)	41	60	80	104	120	160 at 1500Ws	60	82	120	102m at 750Ws
Recycle time to full power	0.9 secs.	0.8 secs.	1.5 secs.	1.4 sec	2.3 secs.	1.1 secs. at 500Ws	1.2 secs.	1.4 secs.	2.3 secs.	0.8 sec. (230V 50Hz)
						1.9 secs. at 1000Ws				1.4 sec. (120V 60Hz)
						2.9 secs. at 1500Ws				1.9 sec. (100V 60Hz)
Flash Duration to t=0.5	1/1700 sec.	1/925 sec.	1/700 sec.	1/2380 sec.	1/1500 sec.	1/2200 sec. at 500Ws	1/1100 sec.	1/700 sec.	1/1500 sec.	1/3250 sec. (250Ws)
						1/1500 sec. at 1000Ws				1/2240 sec. (500Ws)
						1/1100 sec. at 1500Ws				1/1700 sec. (750Ws)
Flash Power Variation	Full to ¼	Full to ½	Full to ⅓	Full to ½	Full to ½	Full to ⅓ at each power	Full to ½	Full to ½	Full to ⅓	Full to ½
Stepless Power Variation	Yes	Yes	Yes	Yes	Yes	Yes	In 1/10 f-stops	In 1/10 f-stops	In 1/10 f-stops	In 1/10 f-stops
User Replaceable Flash Tube	BW1074 (UV) BW1075 (Clear)	BW2032 (UV) BW2030 (Clear)	BW2032 (UV) BW2030 (Clear)	BW1079 (UV) BW2980 (Clear)	BW1079 (UV) BW2980 (Clear)	BW2981 (UV Cover Dome) BW2980 (Clear)	BW2032 (UV) BW2030 (Clear)	BW2032 (UV) BW2030 (Clear)	BW1079 (UV) BW2980 (Clear)	BW2981 (UV Cover Dome) BW2980 (Clear)
Recommended Modelling Lamp	275W Photoflood or 250W Halostar	275W Photoflood or 250W Halostar	275W Photoflood or 250W Halostar	275W Photoflood or 250W Halostar	275W Photoflood or 250W Halostar	650W Halogen	275W Photoflood or 250W Halostar	275W Photoflood or 250W Halostar	275W Photoflood or 250W Halostar	650W Halogen
Model Lamp Variability	Full only	Full to ½	Full to ⅓	Full to ½	Full to ½	Full to ⅓	Full to ½	Full to ½	Full to ⅓	Full to ½
Colour Temperature (+/- 300K)	5600K	5600K	5600K	5600K	5600K	5600K	5600K	5600K	5600K	5600K
Voltage Stabilisation	to 1%	to 1%	to 1%	to 1%	to 1%	to 1%	±0.5%	±0.5%	±0.5%	±0.05
Flash Inhibit Circuit	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ready Light Indication	at 100% charge	at 100% charge	at 100% charge	at 100% charge	at 100% charge	at 100% charge	at 100% charge	at 100% charge	at 100% charge	at 100% charge
Audible Recharge Confirmation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operating Voltage	190 - 250V 50Hz	190 - 250V 50Hz	190 - 250V 50Hz	190 - 250V 50Hz	190 - 250V 50Hz	190 - 250V 50Hz	190 - 250V 50 or 60Hz	190 - 250V 50 or 60Hz	190 - 250V 50 or 60Hz	90-130 50Hz or 190-253V 60Hz
Sync Voltage	5V DC	5V DC	5V DC	5V DC	15V DC	15V DC	14V	14V	14V	14V
Slave Cell	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Travel-Pak Compatible	Yes	Yes	Yes	Yes	No	No	No	No	No	No
Circuit Protection	Yes 5A(F) Fuse	Yes 5A(F) Fuse	Yes 5A(F) Fuse	Yes 5A(F) Fuse	Yes 5A(F) Fuse	Yes 10A(F) Fuse	Yes 5A(F) Fuse	Yes 5A(F) Fuse	Yes 5A(F) Fuse	Yes 15A(F) Fuse
EM Noise Suppression	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Width (Including Bracket)	170mm	170mm	170mm	170mm	170mm	170mm	170mm	170mm	170mm	150mm
Length	310mm	365mm	365mm	365mm	450mm	490mm	390mm	390mm	450mm	425mm
Height	130mm	130mm	130mm	130mm	125mm	125mm	125mm	125mm	125mm	135mm
Weight	2.1kg	2.9kg	3.4kg	4.0kg	4.5kg	5.0kg	3kg	3.2kg	4.4kg	4.5kg



Two Head Kits

Our most popular kit configurations are the two-head kits. These appeal to photographers buying studio lighting for the first time as well as photographers looking for exceptional value for money. Typical two-head kits include two Esprit Gemini monolights with two Bowens lighting support stands. To control the light we include a Bowens Softbox and a silver/white umbrella, together with a wide-angle umbrella reflector.

In our experience, this creates a very easy-to-use and effective two-light setup. The Softbox and umbrella are perfect for portraiture and many still-life applications. The kits include a sync lead for camera connection and all the power cables, modelling lamps and flash tubes. Everything is then packed into a single lightweight yet sturdy carrying case, with casters, for easy transportation.

Two Head Travel-Pak Kits

Two heads kits are also available complete with a Bowens Travel-Pak Battery, able to power two Esprit Gemini units simultaneously out on location.

A. Gemini 250/250 Kit. BW4300

Contains: 2 Esprit Gemini 250 monolights, 2 Bowens compact lighting support stands, 1 Bowens 90cm Silver/White Umbrella, 1 60cm Bowens Softbox, 1 Wide-Angle Reflector, 1 kit Bag, Power Cords, Sync Cord, Modelling Lamps & Flash Tubes.

B. Gemini 250/250 Travel-Pak Kit. BW4315

As Kit A with the addition of a Bowens Travel-Pak Battery, with universal mains charger and connecting leads.

C. Gemini 500/500 Kit. BW4305

As Kit A with the monolights replaced by 2 Esprit Gemini 500Ws units.

D. Gemini 500/500 Travel-Pak Kit. BW4320

As Kit B with the monolights replaced by 2 Esprit Gemini 500Ws units.

E. Gemini 750+/750+ Kit. BW4310

As Kit A with the monolights replaced by 2 Esprit Gemini 750Ws units, the Softbox is upgraded to 100cm and the umbrella is bigger at 115cm.

F. Gemini 750+/750+ Travel-Pak Kit. BW4360

As Kit E with the addition of a Bowens Travel-Pak Battery unit.

Three Head Kits

It is said that two heads are better than one. Well, when it comes to lighting, the more heads the better the result. Three heads and stands are the foundation of these popular sets. For lighting control we include a Bowens Softbox with two Bowens Silver/White Umbrellas and a pair of wide-angle reflectors designed to give a great degree of creative flexibility.

G. Gemini 250/250/250 Kit. BW4345

Contains: 3 Esprit Gemini 250 monolights, 3 Bowens compact lighting support stands, 2 Bowens 90cm Silver/White Umbrella, 1 60cm Bowens Softbox, 2 Wide-Angle Reflectors, 1 kit Bag, 1 Stand Bag, Power Cords, Sync Cord, Modelling Lamps & Flash Tubes.

H. Gemini 500/500/500 Kit. BW4350

As Kit G with the monolights replaced by 3 Esprit Gemini 500Ws units. The Softbox is upgraded to 100cm and the Umbrellas to 115cm.

I. Gemini 750+/750+/750+ Kit. BW4355

As Kit H with the monolights replaced by 3 Esprit Gemini 750Ws units.

Two Head Digital DX Kits

Our Esprit Digital DX monolights are also available as money-saving two-head kits. These value kits contain two Esprit Digital heads with two compact lighting stands. For lighting control we include a Bowens Softbox, a Silver/White Umbrella and a Wide-Angle Reflector. The kit together with Power Cords, Sync Lead, Lamps and Flash-tubes comes in a robust carry case for portability.

J. Esprit Digital DX 250/250 Kit. BW4270

Contains: 2 Esprit Digital DX 250 monolights, 2 Bowens compact lighting support stands, 1 Bowens 90cm Silver/White Umbrella, 1 60cm Bowens Softbox, 1 Wide-Angle Reflector, 1 kit Bag, Power Cords, Sync Cord, Modelling Lamps & Flash Tubes.

K. Esprit Digital DX 500/500 Kit. BW4275

As Kit J with the monolights replaced by 2 Esprit Digital DX 500 units.

L. Esprit Digital DX 1000/1000 Kit. BW4280

As Kit J with the monolights replaced by 2 Esprit Digital DX 1000Ws units. The Softbox is upgraded to 100cm and the Umbrellas to 115cm.



1 120° Wide Angle Umbrella Reflector

Designed as a spill-kill or to be used with and to support umbrellas, this 15cm (6") reflector has a very wide, even coverage, making it perfect to spread light over broad areas. Its very small diameter creates hard shadows and high-contrast lighting. **BW1885**

2 50° Keylite Reflector

This is a very high output 24cm (9½") reflector that creates a highly specular result. It's the perfect reflector to be used where maximum light output is required. It's also a superb reflector for bouncing light off ceilings or simply to give the maximum possible depth of field. **BW1886**

3 75° Softlite Reflector

This 15" matt-finished reflector is supplied with a double diffuser cap that covers the flash tube and modelling lamp for added softness. The softest of Bowens' direct reflectors, it is perfect for portraiture, beauty and small product photography. The diffuser cap can be removed, making it an excellent large-diameter direct reflector. **BW1899**

4 Grid Diffuser

This is an accessory to the 75° Softlite Reflector that creates a unique lighting effect by including a Perspex outer diffuser with a honeycomb grid in the centre. The Grid Diffuser gives a pool of direct light in the centre, surrounded by soft-diffused light. The ratio between the centre and edge is 3:1 - ideal for portrait applications. **BW1866**

5 Reflector Kit

An innovative lighting control outfit composed of a reflector, snoot and four-leaf barn door, the Bowens Reflector Kit represents exceptional value for studio and location photographers. The efficient reflector is optimised for light spread and has a 60° coverage. The interchangeable snoot and barn door attachments bayonet quickly onto the main reflector, providing instant light control. **BW1882**

6 High-Performance Reflector

This 32cm reflector achieves the maximum amount of light output possible for lighting large groups and bouncing light off of high ceilings. The efficient parabolic design delivers a narrow, bright beam of light with intense shadows and high contrast. A must where sheer power is required. **BW1878**

7 Supersoft 600 Diffuser for Sunlite 40

Here is the ultimate soft beauty light. The Supersoft 600 mounts directly into the front of the 40° Sunlite Reflector. Its super-large 600mm (23½") front diameter reflector and unique three-layered diffusion design creates a large, soft light source that is completely even and delivers perfectly round catch lights for fashion and beauty applications. The internal baffle is printed with a precision designed light distribution pattern to reduce the centre brightness of the reflector. A double-layer front diffuser completes the softening effect. **BW1884**

Supersoft 600 Kit

This complete kit includes the 40° Sunlite Reflector as well as the Supersoft 600 Diffuser, front diffuser screen and inner baffle. **BW1868/84**

8 40° Sunlite Reflector

A 43cm (17") white-painted reflector designed to replicate sunlight for photographing items such as architectural models. The white-painted interior of the Sunlite reflector helps to ensure that an even light is delivered. **BW1868**

9 Backlite Reflector

With its 20 x 30.5cm (8 x 12") elliptical shape, this reflector produces an oval pool of light that can be used to create a natural vignette on a background or other areas. Two fitted spring clips allow colour gels to be fitted. **BW2560**

- A set of colour gels including seven popular colours, a neutral-density filter and two diffusers for heightened lighting creativity is also available for the Backlite Reflector. **BW2552**

10 60° Grid Reflector

A good general purpose direct reflector with an efficient pebble finish. With its rolled rim and indent, this medium-angle reflector will hold an 18cm (7") honeycomb. **BW1863**

- The 60° Grid Reflector can also be purchased as a kit containing a set of three honeycombs. **BW1865**

11 Set of Three Honeycombs

This set is designed to be used with the Grid Reflector. The three sizes offer ⅛" (3.175mm), ⅜" (9.525mm) and ¼" (6.35mm) hole sizes, each with increasingly wide-angle spots of light. **BW1864**



12 65° Maxilite Reflector

This is a good general-purpose direct reflector with an even coverage and a high light output. Since it has a small 20cm (8") diameter, the light it produces is moderately high in contrast. The stippled surface ensures a smooth and even light distribution. **BW1887**

13 Maxilite Honeycombs

These fit on to the front of the Maxilite Reflector and deliver a very tightly controlled pool of illumination, creating a highly efficient spot effect

BW1891 - A $\frac{3}{8}$ " (9.525mm) hole creates a wider angle spot effect.

BW1892 - A $\frac{1}{4}$ " (6.35mm) hole creates a narrower angle spot effect.

14 Gel Filter Holder for Maxilite

Allows light to be gelled or coloured. **BW2368**

- Maxilite Gel Set for BW2368. **BW2364**

15 Four-Way Barn Door & Gel Holder

Also designed for use with the Maxilite to give greater control of light output. **BW2363**

16 Universal Honeycombs

These are designed to fit a wide range of Bowens reflectors. The adjustable fittings clip over the rim of the reflector.

BW1861A - A $\frac{3}{8}$ " (9.525mm) hole creates a wider angle spot effect.

BW1861B - A $\frac{1}{4}$ " (6.35mm) hole creates a narrower angle spot effect.

17 Universal Clip-On Barn Doors

These are a must for anyone using direct reflectors to enable the spread of light to be precisely controlled. **BW1869**

18 15° Snoot

For creating a simple spot effect, this 10cm (4") cone can also be used as a hair light, creating a pool of illumination on the hair without spilling on to the face or background. **BW1888**

19 Honeycomb for snoot

When even tighter light is required this clips simply to the front of the snoot. **BW1862**

20 Multiclip

Invaluable to all photographers, the multiclip has thousands of uses around the studio. **BW1826**

Bowens Jetstream Wind Machine

The variable-speed Jetstream Wind Machine makes special effects a breeze and adds a sense of motion to your shots. It's great for glamour shots or for controlling the smoke or fog on a set. For maximum gusts, turn the control to full power and you'll create 2500 RPM (940 C.F.M) of controllable wind! Its remote operating cable enables you to control speed levels from up to 6m (20') away, so you can go from a light draft to a gentle breeze to an intense bluster without leaving your camera. The Jetstream features a $\frac{5}{8}$ " mount to fit most light stands.

Length: 30.5cm (12")

Width: 25cm (10")

Weight: 6.3kg (13.5lbs)

Jetstream (240V) - **BW2550**

Jetstream (117V) - **BW2550B**

Fresnel 200 Spot Attachment

This 200mm Fresnel lens produces that classic Hollywood-style of lighting unique to Fresnel spots. A built-in iris gives very tight control of the light pool, making it ideal for product photography. This versatile light is also good for classic portraits and for precise control in commercial work.

BW2914

Universal Spot Attachment

This unique light-head attachment features a high-quality optical system that allows the projection of gobos, patterns and cut-outs on the background or onto the subject. It can also be used as a focusing spot to light very specific parts of the subject. The gobo holder (included) accepts standard M-size gobos.

BW1880

A Set of 12 M-size gobos is available.

BW1879



Bowens Lighting Support



Light Shaping



Bowens Lighting Support Stands

The worlds best lights deserve the worlds best support. Bowens lighting support stands represent exceptional value. Constructed from black anodised aluminium for a sturdy, attractive and non-reflective appearance. Bowens stands feature high quality aluminium locking clasps for ultimate stability and maximum safety.

Handy Stand

Designed for lightweight ultra-portability, yet durable enough to withstand the daily rigours of studio and location work. The Handy Stand has a maximum height of 195cm and closes to 85cm. **BW6605**

Compact Stand

This portable and lightweight entry level light support stand reaches 303cm and closes to 87cm. **BW6610**



Quick and Easy Control



Aluminium Locking Clasps



Anodized Aluminium Tubes

Portable Stand

A superb all-purpose light support stand, essential when extra height is needed, it reaches 355cm and closes to 100cm. **BW6615**

Heavy-Duty Stand

This ultra-durable light support stand easily withstands the demands of a busy studio, with a maximum height of 390cm, the stand closes down to 115cm for portability. **BW6617**

Bowens Reflector Discs

This innovative, collapsible disc system offers two reflector options from one tool.

Bowens Reflector Discs are available in three sizes with a double-sided warm gold or silver fabric. The disc panels can be flipped or reversed instantly so you always have the right tool on hand.

Reflector Discs are extremely lightweight, easy to use and do not require any assembly. Their carbon-steel frames are welded to withstand rigorous use and provide years of dependable performance. When not in use, they fold effortlessly into small circles one-third of their open size.

A telescopic holder is available for convenient positioning.

Gold/Silver Reflector Disc.

BW3225 81cm (32")

BW3245 107cm (42")

Gold/Silver Oval Reflector Panel.

BW3265 122 x 92cm (48x36")

Telescopic Disc Holder.

This telescopic arm is universal to take all sizes of Reflector Disc and attaches to any Bowens light support stand or most other makes of stand. **BW3275**

Bowens Silver/White Umbrella

These dual-purpose umbrellas feature a white interior surface backed by a removable silver fabric with a black exterior. This provides a soft but highly efficient bounced light source. For close-up lighting, the silver/black backing can be removed, allowing you to get closer to your subject by lighting through the umbrella like a softbox.

BW4036 - 90cm Silver/White Umbrella

BW4046 - 115cm Silver/White Umbrella

BW4060 - 140cm Silver/White Umbrella

WAFER

The Wafer is probably the most innovative light bank on the market, producing a beautiful quality of light and offering a degree of control unmatched by similar products. Its range of shapes and sizes is almost as big as its range of accessories, making the Wafer suitable for a variety of work in all disciplines.

Wafer light banks produce a crisp, smooth quality of light while their narrow profile and silver/white interiors with two interchangeable graduated inner baffles deliver unparalleled flexibility and control.

The Wafer design is supplied with two internal Mylar baffles or screens, each printed with a special pattern to ensure the light distribution on the front cloth is absolutely even over its entire surface. These baffles also assist in controlling the colour temperature: one is white and the other is blue for more neutral tones.

The front cloth of the Wafer is recessed to help control light spill. The resulting internal edge has a hook-and-loop lining, allowing an accessory honeycomb to be fitted to the front for additional directional control.

The Wafer is supplied in a stowage pouch for convenient portability and includes the flash adaptor speed ring. Brand specific flash adaptor rings are available for every leading studio lighting system.

Wafers are available as rectangles, which are by far the most popular and versatile. Hexagonal Wafers are especially good for portraiture whilst the strips, which produce much sharper cut-off, are popular with fashion photographers.



The Wafer Light Bank System

Wafer Accessories

Oval Diffuser

A translucent fabric diffuser with black oval mask that converts rectangular light banks into ovals. Perfect for those shots where a rounded highlight or catch light is desirable.

For Wafer 75	BW1196
For Wafer 100	BW1977
For Wafer 140	BW1197

Hex Oval Diffuser

These shaped diffusers for the Hex Oval soft boxes create a rounded catch light.

For Wafer Hex 100	BW1194
For Wafer Hex 140	BW1185
For Wafer Hex 180	BW1186



Wafer Honeycombs

A lightweight, aluminium honeycomb on a frame is fitted into the recess at the front of the Wafer soft box. Ideal for product photography, giving a soft, controllable pool of illumination.

For Wafer 75	BW1160
For Wafer 100	BW1161

Strip Wafers

Wafer Strip 100

100 x 38 x 25cm (75 x 15 x 11")

Ideal where more contrast and a sharper edge to the shadows is required. **BW1180**

Wafer Strip 140

140 x 35 x 50cm (55 x 13¾ x 19¾")

For longer coverage than the 100 Strip. **BW1181**

Wafer Strip 200

200 x 70 x 62cm (195 x 27½ x 24½")

Full-length fashion with hard-edged lateral contrast. Good overhead light source to separate subjects from background. **BW1184.**

All Strip Wafers are supplied with one full-width and one half-width front diffuser. The half-width diffuser provides an even sharper cut-off and harder edge to the shadows.

Hexagonal Wafers

Wafer Hex 100

100 x 70 x 30cm (39 x 27 x 12")

Ideal for single head-and-shoulder portraits or for greater contrast on ¾-length shots and fashion. **BW1195**

Wafer Hex 140

140 x 95 x 37cm (55 x 37½ x 14½")

For single portraits or small groups where a natural vignette is required. **BW1182**

Wafer Hex 180

180 x 135 x 52cm (71 x 53 x 20½")

A broad beautiful light for almost any subject. great for larger groups. **BW1183**

Rectangular Wafers

Wafer 56

56 x 25 x 28cm (22 x 10 x 11")

Here is a compact soft box for small still life, either as a main or rim light. It also provides an exceptionally good hair light. **BW1894**

Wafer 75

75 x 50 x 28cm (30 x 19¾ x 11")

This medium-sized soft box is great for still life, single portraits or for more contrast lighting in larger sets. **BW1895**

Wafer 100

100 x 75 x 35cm (40 x 30 x 14")

Our most popular size, this soft box is suitable for full-length portraits, small groups and product illustration. Still compact enough for location. **BW1896**

Wafer 140

140 x 100 x 50cm (53 x 40 x 19¾")

For full-length portraits and fashion, also good for larger sets. This unit is extremely soft because of its size. **BW1897**

Wafer 200

200 x 140 x 65cm (76 x 53 x 25½")

An enormous soft light that is still lightweight enough to hang on Hi-Glide tracking or boom arms, the Wafer 200 is beautiful for full-length work, group portraits and large products. **BW1898**

Flash and Light Head Adaptor Rings

Wafer soft boxes can be used with most major studio lighting systems. Simply attach the appropriate adaptor to the mounting rings supplied.

BW1954 - Bowens/Calumet/Redwing
BW1953 - Bowens L Type
BW1955 - Balcar
BW1956 - Multiblitz Large
BW1961 - Multiblitz Small
BW1957 - Elinchrom
BW1958 - Broncolor Impact
BW1959 - Broncolor Pulso
BW1960 - Broncolor TA
BW1962 - Courtney
BW1997 - Hensel

Bowens Professional SoftBox Series



Bowens SoftBoxes

The Bowens range of softboxes has been developed to offer photographers the very highest-quality light source at a very modest cost. Their silver interior and shallow construction offers a high degree of efficiency while a translucent diffuser ensures even light distribution.

If absolute evenness is critical for the larger sizes, internal diffusers are available as an accessory, as are carry bags for storage and location work.

Each softbox comes supplied with a casting and Bowens 'S-type' Adaptor. Each will accept all Wafer adapters and can be used with most popular flash systems.

Softbox 60x60

60 x 60cm (23½ x 23½")

Ideal for the small portrait or still life photographer.

BW1660

Softbox 60x80

60 x 80cm (23½ x 31")

Rectangular shape perfect for portraiture.

BW1665

Softbox 100x80

100 x 80cm (39½ x 31")

For larger portraits or when a softer light is required. **BW1667**

Softbox 100x100

100 x 100cm (39½ x 39½")

Our most popular size, suitable for a wide range of photography. **BW1680**

Softbox 140x100

140 x 100cm (55 x 39½")

Ideal for large group shots and commercial photography as well as room sets and general photography where a very soft light is required.

BW1685

SoftStrip 100

100 x 40cm (39½ x 15¾")

The narrow profile of the strip gives a much sharper cut off, making it ideal for fashion and beauty. **BW1670**

SoftStrip 140

140 x 40cm (55 x 15¾")

Perfect for full length fashion and beauty photography. **BW1690**

Soft Box Accessories

Internal Diffuser

Clips into the centre of the softbox to give absolutely even illumination across the front diffuser.

BW1662 - For Softbox 60x60

BW1667 - For Softbox 60x80

BW1672 - For Softstrip 100

BW1677 - For Softbox 100x80

BW1682 - For Softbox 100x100

BW1687 - For Softbox 140x100

BW1692 - For Softbox 140x140

Carry Bags

Keep your Softbox protected when on location work.

BW1765 - For Softbox 60 & SoftStrip

BW1770 - For Softbox 100 & 140

Octo 150

Octo 150 is a unique large softbox which offers several non-traditional softbox features that will be of particular interest to portrait photographers.

Unlike other large octagonal softboxes on the market, the Octo 150 features a perfectly round front diffuser for perfectly round catch lights which are cleaner and more pleasing. Another difference is that the light is mounted in the unit facing the rear cloth, away from the subject. This offers two distinct advantages over traditional softboxes. The first advantage is that the Octo 150 does not have extra layers of diffusion fabric between the light source and the front diffusion fabric making it an extremely efficient softbox that can be used even with small flash units such as an Esprit 500.

The other significant advantage of this design is the interior silvered and white surfaces which have been designed to ensure optimum evenness of illumination on the cloth and because of this can be used close to the subject to produce maximum softness as well as maximum light output. **BW1650**

Pioneer Portable Flash System

Whether you shoot commercial, industrial, architectural or social events, the Pioneer offers amazing power options, versatility and creative light control possibilities for the photographer on the go. This portable rechargeable flash system offers many advantages over conventional portable, on-camera flashes.



“location-friendly convenience with studio-control savvy”



Pioneer SI Kit



Pioneer SII Kit

Rugged, Powerful & Portable

At the heart of any portable flash system is a dependable battery and the Pioneer offers a choice of two. Both are sealed lead-acid batteries, noted for robust and trouble-free performance and none of the memory limitations that plague alternative types. For added convenience, and no surprises, the voltage stabilised batteries feature a charge level indicator that shows the state of charge.

Pioneer S-70 Flash Head

A portable flash doesn't need to be strictly utilitarian. It can have some panache and style, and this system has a smartly designed head to lead the way. Pioneer's portable head is first and foremost practical for all flash purposes. With its ability to rotate 270° and tilt 45°, it can be used directly or bounced just as easily. Its ability to go bare-bulb or accept a range of interchangeable reflectors gives this head its multi-lighting personality. For safety and comfort, it features a secure hand strap and a sure-grip soft housing. The threaded base facilitates fixing the unit to a camera bracket, light stand or tripod for creative off-camera shots. **BW1200**

SI 2.5Ah Battery

The smaller of the two batteries, the SI is by far the most popular. It weighs in at 2kg (4.4 lbs.) and delivers 210 shots per charge at full power with an impressive recycle time of 2.9 seconds. **BW1220**

SII 5.0Ah Battery

For those big, high-volume jobs, the SII delivers up to 430 flashes at full power and recycles in just 1.9 seconds. It's the ideal battery when the maximum number of shots per charge is needed. **BW1224**

Pioneer S-70 Head Specifications

Stored Energy	300Ws
Guide Number (m/100 ISO)	70
Flash Duration	1/800 sec
Power Range	Full to 1/4
Ready Light Indication	Yes
Audible Ready Confirmation	Yes

Pioneer SI Kit

- Pioneer flash head with 3m power cable.
- SI 2.5Ah battery pack with shoulder strap.
- SLA500m battery charger (UK or Euro).
- Short sync lead.
- 65° stippled reflector.
- Camera bracket.
- Hard, moulded kit case.
- User Guide.

BW1205

Pioneer SII Kit

- Pioneer flash head with 3m power cord.
- SII 5.0Ah battery pack with shoulder strap.
- SLA 1.5m global battery charger (110/230V).
- Short sync lead.
- 65° stippled reflector.
- Camera bracket.
- Umbrella/Light Stand Attachment Bracket.
- Protective cover for flash tube.
- User Guide.

BW1210

- BW1250** 50° Reflector.
- BW1252** 65° Reflector.
- BW1253** Narrow-Angle Reflector.
- BW1254** Snoot & Honeycomb.
- BW1926** Barn Door Set.
- BW1268** Accessory Holder.
- BW1275** Prismatic Diffuser.
- BW1270** Honeycomb Grids.
- BW1265** Soft Box 30.
- BW1267** Umbrella/Light Stand Adaptor.
- BW1245** Car Charger.
- BW1261** Belt Attachment for S1 Battery.
- BW1230/A** SLA 1.5m 110/230V Global Charger.
- BW1230/B** SLA800m 230V Charger.
- BW1230/C** SLA500m 230V Charger.

	Stored Energy	Recycle Time to Full Power	Minimum Recycle Time	Full-power shots per charge	Car Charger Charge Time	Weight
Pioneer SI	2.5 Ampere-hours	2.9 sec.	1.9 sec.	210	1.5 hrs.	2kg (4.4lbs)
Pioneer SII	5.0 Ampere-hours	1.9 sec.	0.8 sec.	430	3.0 hrs.	3.5kg (7.7lbs)



© 2004 Photo by Reeve Banks Photography
www.reevebanks.co.uk



www.bowens.co.uk

'Bowens'® and 'the power behind the picture'® are registered trademarks of Bowens International Limited.
All models and technical specifications featured in this brochure may be subject to change without notice. E&OE. © 2005 Bowens International Limited.